



#### **WHY IS THE PROJECT BEING BUILT**

✓ Brigantine Island is a regionally important coastal community as well as a national destination for tourism and recreation. The island has suffered significant storm damage from hurricanes and Nor'Easters. This project is designed to protect and reduce potential damages to homes and infrastructure from the waves, high tides and storm surges associated with these weather events.

✓ The health and productivity of a coastal community and its beachfront are closely linked and this project will protect the island and help it thrive as a national destination for beach patrons, surfers, fishermen, and wildlife enthusiasts. The combination of dune, grass plantings, and berm will provide the City of Brigantine with protection from coastal storms.

#### **WHAT WILL BE DONE AND WHERE**

✓ Restoration and construction of a dune and berm starting from 800 ft. north of the promenade at 14<sup>th</sup> St. North to approximately 15<sup>th</sup> St. South.

✓ The initial construction will consist of approximately:

- ◆ 700,000 cubic yards of sand
- ◆ 65,000 square ft. of dune grass
- ◆ 9,600 linear ft. of sand fence
- ◆ 2,835 linear ft. of pedestrian access ways
- ◆ 620 linear ft. of vehicular crossovers
- ◆ Addition of a new siphon drainage system

✓ The sand will be dredged from Brigantine Inlet and placed on the beach to the design specifications. The top of the dune will be 25 feet wide at an elevation of 10 ft. NAVD. The design berm extends 100 ft. from the landward toe of the dune at an elevation of 6 ft. NAVD. The project will be planted with Cape American Beach Grass and Short Dune Grass to stabilize the new dune. Sand-fence, walkways, vehicle crossovers and a handicapped accessible ramp are included in the initial construction. The project includes future periodic nourishment on a 6-year cycle.

#### **WHEN WILL IT HAPPEN**

✓ Placement of sand began January 2006. The project should be completed in February 2006.

#### **WHO IS INVOLVED**

✓ The U.S. Army Corps of Engineers will manage all construction and is funding approximately 65%.

✓ The New Jersey Department of Environmental Protection is funding approximately 26.25%.

✓ The City of Brigantine is funding approximately 8.75%.

#### **WHAT WILL IT COST**

✓ Estimate for the initial construction is \$4.5 million.

#### **ADDITIONAL INFORMATION**

✓ <http://www.nap.usace.army.mil/Projects/Coastal/BrigantineIsland/index.htm>

✓ Philadelphia District Public Affairs Office 215.656.6032